Crank up flash performance 5X.

54MHz zero wait-state solutions.

In need of speed? New Intel® Fast Boot Block Flash memory delivers–providing the most cost-effective, zero wait-state performance for today's high-performance, low-voltage embedded systems. Available in 8- and 16-Mbit densities, the Fast Boot Block Flash device gives you two options for high-speed data access. The Asynchronous Page Mode is twice as fast as conventional low-voltage flash memory. And Synchronous Burst Mode delivers up to five times the performance over standard 100 ns asynchronous flash memory–with zero wait-state burst reads up to 54MHz. What's more, the performance of the Intel Fast Boot Block synchronous interface will match the performance of high-speed RISC controllers. You can now execute your code directly out of the flash device.

FAST BOOT BLOCK FLASH MEMORY DEVICES

Synchronous Performance	Voltage Capabilities		Package Offerings
	Read/Write	Flexible I/O	
25 MHz, 0 wait state	↑ 2.7V-3.6V Vcc/Vpp ↓	↑ 1.65V-2.5V, 2.7V-3.6V, 5V tolerant ↓	↑ 56-lead SSOP 56-lead TSOP ↓
33 MHz, 0 wait state			
40 MHz, 0 wait state			
50 MHz, 0 wait state			
54 MHz, 0 wait state			
66 MHz, 1 wait state			

Easy to migrate. Easy on budgets.

In addition to increased performance, Fast Boot Block Flash memory was designed specifically to make your job easier. And faster. For trouble-free migration from one density to another, Fast Boot Block devices are available in 8- and 16-Mbit densities, packaged in industry-standard 56-lead TSOP, SSOP packages. Plus, as with other Intel® Flash devices, Fast Boot Block Flash memory works with Intel® Flash Data Integrator (FDI) to provide an easy, cost-effective method solution for code and data storage in a single flash memory device. What does all this add up to? A simple, quickly developed design that meets today's tight budgets and fast time-to-market project requirements.

Get up to speed today.

For a look at the latest reference designs using new Intel Fast Boot Block Flash memory, or for technical data and information on supporting tools and software, please visit our Web site.

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